Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 23 May 2023 until 23:59 on Wednesday 24 May 2023

Forecast Issued on Monday 22 May 2023 at 14:22

Confidence: High for settled conditions this week, lower for cloud details.

Headline for Tuesday 23 May 2023: Cloudy start, with sunny spells and then more prolonged sunshine through the afternoon and evening.

Mountain weather hazards on Tuesday 23 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny	Sunny	Clear night
Precipitation probability							
10%	10%	10%	10%	00%	<05%	00%	00%

Forecast for Tuesday 23 May 2023

Weather: A mix of high and low cloud cross the region through the morning, perhaps with one or two clearer spells at times. Low cloud will break and lift through the morning with hazy sunshine filtering through the high cloud, before this too clears to give prolonged sunshine through the afternoon and evening.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Low cloud should remain comfortably above the summits through the morning. Visibilities good to start, becoming very good to excellent through the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 23 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 NE	7/10 NE	3/5 NE	8/11 W	10/15 W	13/19 W	13/19 W	8/13 W	6/10 W
300	5/8 N	3/6 NE	2/4 NE	5/8 W	8/13 W	12/17 W	12/19 NW	7/13 W	6/9 W
Valley	3/5 NE	3/5 E	2/4 E	5/9 W	6/12 W	10/18 W	11/19 NW	6/12 NW	3/6 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	7/5	8/8	9/7	11/9	12/9	10/8	8/6	8/6
300	10/9	9/9	10/10	11/10	14/12	14/12	13/10	10/9	9/7
Valley	10/9	9/8	10/10	13/12	15/14	16/14	14/11	10/9	8/7
Freezing Level*	1900m	1800m	1700m	1700m	1700m	1600m	1600m	2100m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to High UV levels are forecast, so carrying extra sun protection is highly recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 22 May 2023	0mm	0mm	2.4mm

Forecast for Wednesday 24 May 2023

Weather: Cloudy across much of the park early on Wednesday, especially across western and northern slopes as low cloud moves in from the northwest, although some sunny spells are likely at times. More in the way of prolonged sunshine across the east of the park through the day, with sunshine becoming widespread through the afternoon as cloud in the west clears.

Maximum wind: Northwesterly 10-15 mph, gusting up to 22 mph.

Chance of cloud-free hill tops above 600m: 60%, rising to 90%.

Low cloud and visibility: Low cloud pushing in from the northwest likely to shroud western slopes early, lifting clear of the summits through the morning. Visibilities generally good to start, becoming very good by mid-afternoon.

Temperature: **Valleys:** Plus 7 Celsius, rising to Plus 15 Celsius.
At 600m: Plus 7 Celsius, rising to Plus 12 Celsius.
Freezing level: Above summits.

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